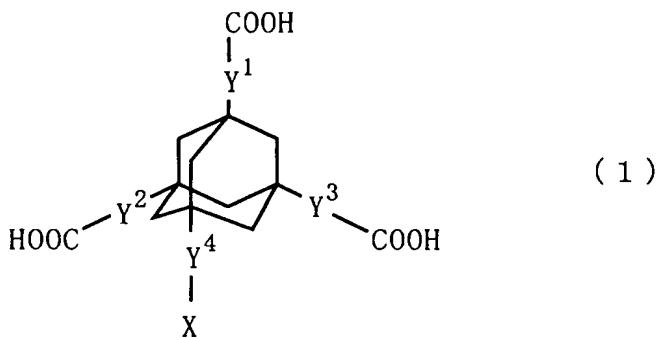


WHAT IS CLAIMED IS:

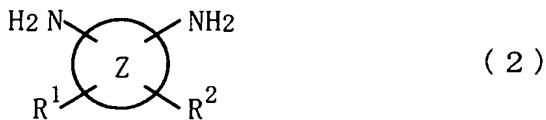
1. A material for dielectric films, which is a polymerizable composition comprising:

an adamantane polycarboxylic acid represented by following Formula (1):



wherein X is a hydrogen atom, a carboxyl group or a hydrocarbon group; and Y<sup>1</sup>, Y<sup>2</sup>, Y<sup>3</sup> and Y<sup>4</sup> may be the same as or different from one another and are each a single bond or a bivalent aromatic cyclic group;

an aromatic polyamine represented by following Formula (2):



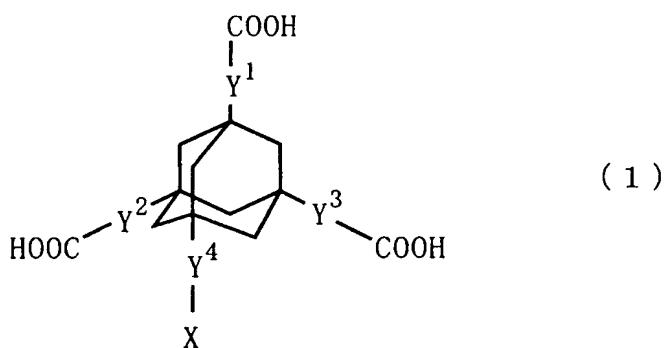
wherein Ring Z is a monocyclic or polycyclic aromatic ring; and R<sup>1</sup> and R<sup>2</sup> are each a substituent bound to Ring Z, may be the same as or different from each other and are each an amino group, a mono-substituted amino group, a hydroxyl group or a

mercapto group; and

a solvent other than ketones and aldehydes,  
wherein the adamantane polycarboxylic acid and the  
aromatic polyamine are dissolved in the solvent.

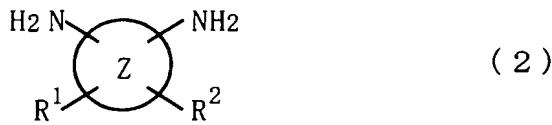
2. A polymer which is a polymerized product of a  
polymerizable composition comprising:

an adamantane polycarboxylic acid represented by  
following Formula (1):



wherein X is a hydrogen atom, a carboxyl group or a hydrocarbon group; and Y<sup>1</sup>, Y<sup>2</sup>, Y<sup>3</sup> and Y<sup>4</sup> may be the same as or different from one another and are each a single bond or a bivalent aromatic cyclic group;

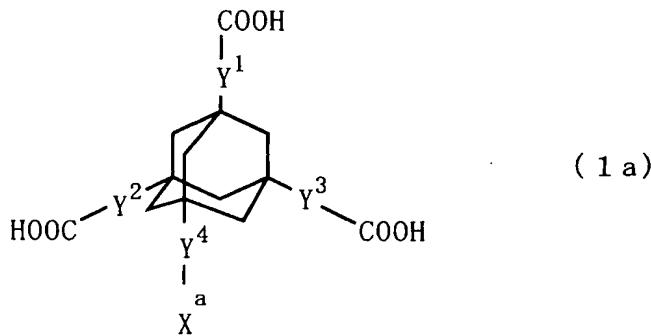
an aromatic polyamine represented by following Formula (2):



wherein Ring Z is a monocyclic or polycyclic aromatic ring; and R<sup>1</sup> and R<sup>2</sup> are each a substituent bound to Ring Z, may be the same as or different from each other and are each an amino group, a mono-substituted amino group, a hydroxyl group or a mercapto group; and

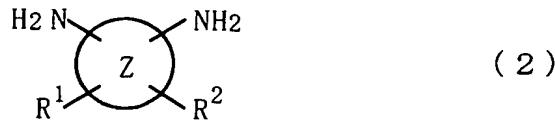
a solvent other than ketones and aldehydes,  
wherein the adamantane polycarboxylic acid and the aromatic polyamine are dissolved in the solvent.

3. A polymer which is a polymerized product of:  
an adamantane polycarboxylic acid represented by  
following Formula (1a):



wherein X<sup>a</sup> is a hydrogen atom or a hydrocarbon group; and Y<sup>1</sup>, Y<sup>2</sup>, Y<sup>3</sup> and Y<sup>4</sup> may be the same as or different from each other and are each a single bond or a bivalent aromatic cyclic group; and

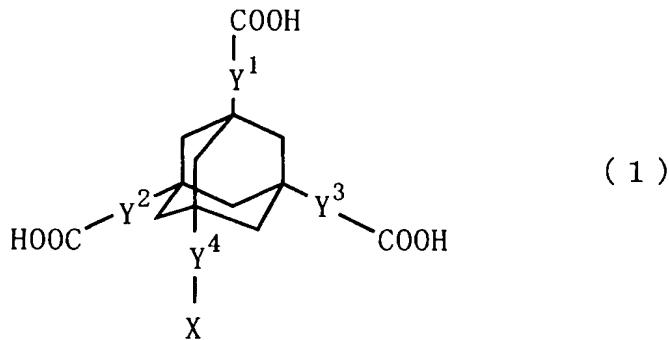
an aromatic polyamine represented by following Formula (2):



wherein Ring Z is a monocyclic or polycyclic aromatic ring; and R<sup>1</sup> and R<sup>2</sup> are each a substituent bound to Ring Z, may be the same as or different from each other and are each an amino group, a mono-substituted amino group, a hydroxyl group or a mercapto group.

4. A dielectric film comprising the polymer of claim 2 or 3.

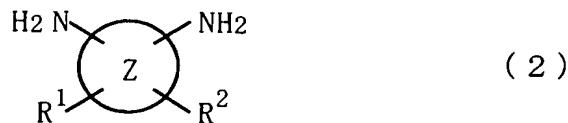
5. A dielectric film comprising a polymer formed from: an adamantane polycarboxylic acid represented by following Formula (1):



wherein X is a hydrogen atom, a carboxyl group or a hydrocarbon group; Y<sup>1</sup>, Y<sup>2</sup>, Y<sup>3</sup> and Y<sup>4</sup> may be the same as or different from one another and are each a single bond or a bivalent aromatic

cyclic group; and

an aromatic polyamine represented by following Formula  
(2):



wherein Ring Z is a monocyclic or polycyclic aromatic ring; and  $\text{R}^1$  and  $\text{R}^2$  are each a substituent bound to Ring Z, may be the same as or different from each other and are each an amino group, a mono-substituted amino group, a hydroxyl group or a mercapto group,

wherein the dielectric film has a 5% weight loss temperature of  $500^\circ\text{C}$  or higher.